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TITLE : CO-EXTRUSION FILM FOR DEEP DRAWING

ABSTRACT : PURPOSE: To provide a co-extrusion film excellent in moldability, punching properties and gloss and characterized by that the innermost layer is composed of a heat-sealable resin layer and an intermediate layer consists of a polyamide resin layer and an ethylene/vinyl alcohol copolymer resin layer and the outermost layer is composed of a specific copolyester resin layer and polyolefinic adhesive resin layers are arranged between the intermediate layer and the innermost and outermost layers.

CONSTITUTION: A co-extrusion film for deep drawing consists of the innermost layer, a polyolefinic adhesive resin layer, an intermediate layer, a polyolefinic adhesive resin layer and the outermost layer. The innermost layer is a heat- sealable resin layer and the intermediate layer contains a polyamide resin layer and an ethylene/vinyl alcohol copolymer resin layer. When moisture is much, this lamination order is set so that the ethylene/vinyl alcohol copolymer resin layer is arranged at the position near to the outermost layer. The outermost layer is composed of a copolyester resin layer based on an ethylene terephthalate unit and characterized by that 15-40mol% of isophthalic acid is copolymerized as a dicarboxylic acid component and intrinsic viscosity is 0.5-0.7.

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